

Title (en)

Hard disk drive having hole cover for blocking electromagnetic wave

Title (de)

Festplattenlaufwerk mit Lochbedeckung für die Blockierung von elektromagnetischer Welle

Title (fr)

Unité de disque dur avec une couverture de trou pour bloquer d' onde electromagnetique

Publication

EP 1400958 A2 20040324 (EN)

Application

EP 03020966 A 20030916

Priority

KR 20020056231 A 20020916

Abstract (en)

A hard disk drive includes a housing having a base plate and a cover plate. A spindle motor is installed on the base plate. A disk is installed on the spindle motor to store data. An actuator has a magnetic head to record or reproduce data with respect to the disk and is installed on the base plate capable of pivoting by a voice coil motor. A printed circuit board is installed on a bottom surface of the base plate. A through hole where servo track information is recorded on a recording surface of the disk is formed in the base plate, and a hole cover made of a metal plate exhibiting an electric conductivity and covering the through hole is attached to the bottom surface of the base plate to block an electromagnetic wave generated by the printed circuit board from being transferred to the inside of the housing.

IPC 1-7

G11B 7/00

IPC 8 full level

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CPC (source: EP KR US)

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DE

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